

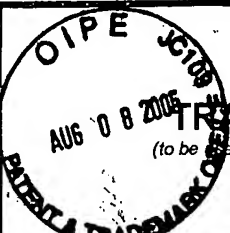
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PTO/SB/21 REV 1 (12/97)

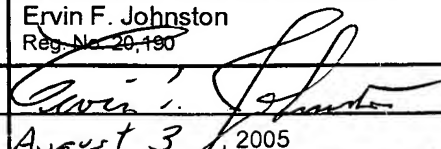
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Patent and Trademark Office: U.S. DEPARTMENT OF COMMERCE

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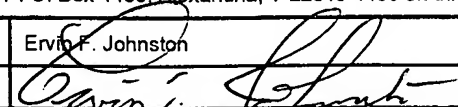
 <b>TRANSMITTAL FORM</b> (to be used for all correspondence after initial filing)	Application Number	10/627,293	
	Filing Date	07/25/2003	
	First Named Inventor	Gill	
	Examiner Name	Ahmed N. Sefer	
	Group Art Unit	2826	
Total Number of Pages in This Submission	17 + postcard	Attorney Docket Number	HSJ920030029US1

ENCLOSURES (check all that apply)		
<input checked="" type="checkbox"/> Fee Transmittal Form <input type="checkbox"/> Fee Attached <input checked="" type="checkbox"/> Amendment/Response <input type="checkbox"/> After Final <input type="checkbox"/> Preliminary Amendment <input type="checkbox"/> Extension of Time Request <input type="checkbox"/> Express Abandonment Request <input type="checkbox"/> Supplemental Information Disclosure Statement <input type="checkbox"/> PTO Form 1449 <input type="checkbox"/> ( ) cited references <input type="checkbox"/> Certified Copy of Priority Document(s) <input type="checkbox"/> Response to Missing Parts/Incomplete Application <input type="checkbox"/> PTO Form 1533 <input type="checkbox"/> Response to Missing Parts Under 37 CFR 1.52 or 1.53	<input type="checkbox"/> Assignment w/Recordation Sheet <input type="checkbox"/> Drawing(s) <input type="checkbox"/> Request for Drawing Amendment <input type="checkbox"/> Licensing-related Papers <input type="checkbox"/> Petition Checklist and Accompanying Petition <input type="checkbox"/> To Convert a Provisional Application <input type="checkbox"/> Power of Attorney, Revocation <input type="checkbox"/> Change of Correspondence Address <input type="checkbox"/> Terminal Disclaimer	<input type="checkbox"/> After Allowance Communication to Group <input type="checkbox"/> Appeal Communication to Board of Appeals and Interferences <input type="checkbox"/> Appeal Communication to Group (Appeal Notice, Brief, Reply Brief) <input type="checkbox"/> Proprietary Information <input type="checkbox"/> Status Letter <input checked="" type="checkbox"/> Additional Enclosure(s) (please identify below): <u>POSTCARD</u>
Remarks:		

SIGNATURE OF APPLICANT, ATTORNEY, OR AGENT

Firm or Individual Name	Ervin F. Johnston Reg. No. 20,490
Signature	
Date	August 3, 2005

CERTIFICATE OF MAILING

I hereby certify that this correspondence is being deposited with the United States Postal Service as first class mail in an envelope addressed to: Commissioner for Patents, P. O. Box 1450, Alexandria, V 22313-1450 on this date: <u>August 3, 2005</u>		
Typed or printed name	Ervin F. Johnston	
Signature		Date <u>August 3, 2005</u>

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## FEE TRANSMITTAL

Patent fees are subject to annual revision on October 1.

These are the fees effective November 1, 1998.

Small Entity payments must be supported by a small entity statement, otherwise large entity fees must be paid. See Forms PTO/SB/09-12  
See 37 C.F.R. §§ 1.27 and 1.28

AUG 08 2005  
PTO OFFICE 8010108

Complete If Known

Application Number 10/627,293

Filing Date 07/25/2003

First Named Inventor Gill

Examiner Name Ahmed N. Sefer

Group / Art Unit 2826

Attorney Docket No. HSJ920030029US1

TOTAL AMOUNT OF PAYMENT (\$ 36.00)

### METHOD OF PAYMENT (check one)

1. ☒ The Commissioner is hereby authorized to charge indicated fees and credit any overpayment to:

Deposit Account Number 50-2587  
Deposit Account Name Hitachi Global Storage Technologies

☒ Charge Any Additional Fee Required Under 37 CFR 1.16 and 1.17  
☐ Charge the Issue Fee Set in 37 CFR 1.18 at the Mailing of the Notice of Allowance. 37 CFR 1.311(b)

2. ☐ Payment Enclosed:  
☐ Check ☐ Money Order ☐ Other

### FEE CALCULATION

#### 1. BASIC FILING FEE

Large Entity Fee Code (\$)	Small Entity Fee Code (\$)	Fee Description	Fee Paid
101 750	201 375	Utility filing fee	
106 330	206 165	Design filing fee	
107 520	207 260	Plant filing fee	
108 750	208 375	Reissue filing fee	
114 160	214 80	Provisional filing fee	

SUBTOTAL (1) (\$)

#### 2. EXTRA CLAIM FEES

Total Claims	Extra Claims	Fee below	Fee Paid
45	43**	3 x 18	36.00
Independent Claims	**	x 88	
Multiple Dependent Claims		x	

\*\* or number previously paid, if greater; For Reissues, see below

Large Entity Fee Code (\$)	Small Entity Fee Code (\$)	Fee Description	Fee Paid
103 18	203 9	Claims in excess of 20	
102 84	202 42	Independent claims in excess of 3	
104 280	204 140	Multiple dependent claim	
109 80	209 40	** Reissue independent claims over original patent	
110 18	210 9	** Reissue claims in excess of 20 and over original patent	

SUBTOTAL (2) (\$ 36.00)

### FEE CALCULATION (continued)

#### 3. ADDITIONAL FEES

Large Entity Fee Code (\$)	Small Entity Fee Code (\$)	Fee Description	Fee Paid
105 130	205 65	Surcharge - late filing fee or oath	
127 50	227 25	Surcharge - late provisional filing or cover sheet	
139 130	139 130	Non-English specification	
147 2,520	147 2,520	For filing a request for reexamination	
112 920*	112 920*	Requesting publication of SIR prior to Examiner action	
113 1,840*	113 1,840*	Requesting publication of SIR after Examiner action	
115 110	215 55	Extension for response within first month	
116 410	216 205	Extension for response within second month	
117 930	217 465	Extension for response within third month	
118 1,450	218 725	Extension for response within fourth month	
128 1,970	228 985	Extension for response within fifth month	
119 320	219 160	Notice of Appeal	
120 320	220 160	Filing a brief in support of an appeal	
121 280	221 140	Request for oral hearing	
138 1,510	138 1,510	Petition to institute a public use proceeding	
140 110	240 55	Petition to revive unavoidably abandoned application	
141 1,300	241 650	Petition to revive unintentionally abandoned application	
142 1,300	242 650	Utility issue fee (or reissue)	
143 470	243 235	Design issue fee	
144 630	315 300	Plant issue fee	
122 130	122 130	Petitions to the Commissioner	
126 180	126 180	Submission of Information Disclosure Stmt	
146 750	246 375	Filing a submission after final rejection (37 CFR 1.129(a))	
179 750	249 375	Request for continued examination (RCE) (37 CFR 1.114)	

Other fee (specify) Terminal Disclaimer

Other fee (specify)

08/09/2005 AKELECH1 00000014 502587 10627293

SUBTOTAL (3) (\$)

01 FC:2202

75.00 DA

\*Reduced by Basic Filing Fee Paid

### SUBMITTED BY

Typed or Printed Name Ervin F. Johnson

Signature

### COMPLETE (if applicable)

Reg. Number 20,190

Date

August 3, 2005



THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Application of:

Gill

Serial No.: 10/627,293

Filed: 07/25/03

For: SPIN VALVE TRANSISTOR WITH  
SELF-PINNED ANTIPARALLEL  
PINNED LAYER STRUCTURE

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Group No.: 2826

Examiner: Ahmed N. Sefer

Docket No. **HSJ920030029US1**

Commissioner for Patents  
P. O. Box 1450  
Alexandria, VA 22313-1450

Sir:

**AMENDMENT**

In response to the Office Action dated 06/06/2005 please amend the application as follows.

**TABLE OF CONTENTS**

Amendments to the Claims . . . . . pg. 2

Remarks . . . . . pg. 13